

LABORATORY REPORT SHEET

Name _____ Section _____ Date _____

Mass of Acetylsalicylic Acid (g) _____

Conc. of Acetylsalicylic Acid (M) _____

Generation of Standard Curve

| Sample | 1 | 2 | 3 | 4 | 5 |
|---|-------|-------|-------|-------|-------|
| Concentration(M) | _____ | _____ | _____ | _____ | _____ |
| Absorbance | _____ | _____ | _____ | _____ | _____ |
| Equation of best fit line | _____ | | | | |
| Absorptivity Coefficient (ϵ) (include units) | _____ | | | | |

Include a graph with this report sheet.

Unknown

| Sample | 1 | 2 | 3 | 4 | 5 |
|------------------|-------|-------|-------|-------|-------|
| Absorbance | _____ | _____ | _____ | _____ | _____ |
| Concentration(M) | _____ | _____ | _____ | _____ | _____ |

Aspirin Sample

Brand _____

Mean Molarity
(Total Aspirin Sample) _____

Relative Mean Deviation _____

total mole acetylsalicylic acid _____

total mg acetylsalicylic acid _____